

CKAP2 antibody - C-terminal region

Rabbit Polyclonal Antibody Catalog # AI14743

Product Information

<u>)01091995</u>
Dog, Guinea Pig, Horse, Bovine
se, Bovine

Additional Information

Gene ID	26586
Alias Symbol Other Names	DKFZp686L1238, FLJ10749, LB1, TMAP, se20-10 Cytoskeleton-associated protein 2, CTCL tumor antigen se20-10, Tumor- and microtubule-associated protein, CKAP2 (<u>HGNC:1990</u>)
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-CKAP2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	CKAP2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

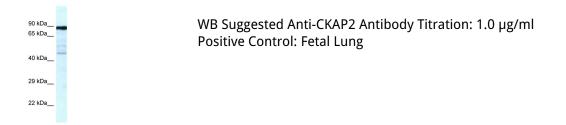
Name	CKAP2 (<u>HGNC:1990</u>)
Function	Possesses microtubule stabilizing properties. Involved in regulating aneuploidy, cell cycling, and cell death in a p53/TP53- dependent manner (By similarity).
Cellular Location	Cytoplasm, cytoskeleton. Cytoplasm, cytoskeleton, spindle. Cytoplasm, cytoskeleton, spindle pole. Note=Contrary to the ectopically expressed protein, endogenous CKAP2 does not colocalize with microtubules in G1, S and early G2. At late G2 and prophase after separation of duplicated centrosomes, colocalizes with gamma-tubulin and centrosome-proximal microtubules. From prometaphase through anaphase B, colocalizes with

	mitotic spindle poles and spindle microtubules. During cytokinesis, absent from midbody microtubules
Tissue Location	Abundant in testis, thymus, and in tumor derived cell lines, while barely detectable in liver, prostate, and kidney

References

Maouche-Chretien L.,et al.Oncogene 17:1245-1251(1998). Udina I.G.,et al.Genetika 37:120-123(2001). Bae C.-D.,et al.J. Cancer Res. Clin. Oncol. 129:621-630(2003). Ota T.,et al.Nat. Genet. 36:40-45(2004). Bechtel S.,et al.BMC Genomics 8:399-399(2007).

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